

WHAT IS CLAIMED IS:

1. A method of displaying hierarchical call dependencies comprising the steps of:
selecting a routine from a routine list displayed in one of a first and a second window region; and
displaying one of a first routine called by said routine and a second routine calling said routine in response to said selection.
2. The method of claim 1 wherein said first window region comprises a calls window region and said second window region comprises a called-by window region.
3. The method of claim 1 wherein said routine list is contained in a plurality of data structures stored in a database.
4. The method of claim 1 wherein said step of displaying one of said first routine and said second routine further comprises the step of displaying said one of said first and second routines in a tree hierarchy.

1 5. The method of claim 1 wherein said step of selecting said routine from a
2 routine list comprises the step of selecting an icon associated with said routine,
3 wherein said icon flags said routine as having an undisplayed routine dependency.

1 6. The method of claim 1 further comprising the step of accessing a data
2 structure stored in a database, said data structure having an entry corresponding to
3 said routine, and wherein said step of displaying said one of said first and second
4 routines comprises the step of displaying said one of said first and second routines in
5 response to a routine identifier, corresponding to said one of said first and second
6 routines, contained in a portion of said entry.

1 7. The method of claim 6 wherein said step of displaying said one of said first
2 and second routines further comprises the step of displaying said first routine in
3 response to said routine identifier in a routine field of said entry.

1 8. The method of claim 6 wherein said step of displaying said one of said first
2 and second routines further comprises the step of displaying said second routine in
3 response to said routine identifier in a routine called field of said entry.

1 9. The method of claim 1 further comprising the step of specifying a routine
2 type, and wherein said step of displaying said one of said first and second routines

3 comprises the step of displaying said one of said first and second routines in response
4 to said routine type.

1 10. The method of claim 1 further comprising the step of displaying said routine
2 list in said first and second window regions.

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1 11. A data processing system comprising:
2 circuitry operable for selecting a routine from a routine list displayed in one of
3 said first and second window regions; and
4 circuitry operable for displaying one of a first routine called by said routine
5 and a second routine calling said routine in response to said selection.

1 12. The data processing system of claim 11 wherein said first window region
2 comprises a calls window region and said second window region comprises a
3 called-by window region.

1 13. The data processing system of claim 11 wherein said routine list is contained
2 in a plurality of data structures stored in a database.

1 14. The data processing system of claim 11 wherein said circuitry operable for
2 displaying one of said first routine and said second routine further comprises circuitry
3 operable for displaying said one of said first and second routines in a tree hierarchy.

1 15. The data processing system of claim 11 wherein said circuitry operable for
2 selecting said routine from a routine list comprises circuitry operable for selecting an

3 icon associated with said routine, wherein said icon flags said routine as having an
4 undisplayed routine dependency.

1 16. The data processing system of claim 11 further comprising circuitry operable
2 for accessing a data structure stored in a database, said data structure having an entry
3 corresponding to said routine, and wherein said circuitry operable for displaying said
4 one of said first and second routines comprises circuitry operable for displaying said
5 one of said first and second routines in response to a routine identifier, corresponding
6 to said one of said first and second routines, contained in a portion of said entry.

1 17. The data processing system of claim 16 wherein said circuitry operable for
2 displaying said one of said first and second routines further comprises circuitry
3 operable for displaying said first routine in response to said routine identifier in a
4 routine field of said entry.

1 18. The data processing system of claim 16 wherein said circuitry operable for
2 displaying said one of said first and second routines further comprises circuitry
3 operable for displaying said second routine in response to said routine identifier in a
4 routine called field of said entry.

1 19. The data processing system of claim 11 further comprising circuitry operable
2 for specifying a routine type, and wherein said step of displaying said one of said first
3 and second routines comprises circuitry operable for displaying said one of said first
4 and second routines in response to said routine type.

1 20. The data processing system of claim 11 further comprising circuitry operable
2 for displaying said routine list in said first and second window regions.

Sub A
1 21. A computer program product operable for storage on program storage media,
2 the program product operable for displaying hierarchical call dependencies,
3 comprising:

4 programming for selecting a routine from a routine list displayed in one of
5 said first and second window regions; and

6 programming for displaying one of a first routine called by said routine and a
7 second routine calling said routine in response to said selection.

1 22. The program product of claim 21 wherein said first window region comprises
2 a calls window region and said second window region comprises a called-by window
3 region.

1 23. The program product of claim 21 wherein said routine list is contained in a
2 plurality of data structures stored in a database.

1 24. The program product of claim 21 wherein said programming for displaying
2 one of said first routine and said second routine further comprises programming for
3 displaying said one of said first and second routines in a tree hierarchy.

1 25. The program product of claim 21 wherein said programming for selecting said
2 routine from a routine list comprises programming for selecting an icon associated

3 with said routine, wherein said icon flags said routine as having an undisplayed
4 routine dependency.

1 26. The program product of claim 21 further comprising programming for
2 accessing a data structure stored in a database, said data structure having an entry
3 corresponding to said routine, and wherein said programming for displaying said one
4 of said first and second routines comprises programming for displaying said one of
5 said first and second routines in response to a routine identifier, corresponding to said
6 one of said first and second routines, contained in a portion of said entry.

1 27. The program product of claim 26 wherein said programming for displaying
2 said one of said first and second routines further comprises programming for
3 displaying said first routine in response to said routine identifier in a routine field of
4 said entry.

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1 28. The program product of claim 26 wherein said programming for displaying
2 said one of said first and second routines further comprises programming for
3 displaying said second routine in response to said routine identifier in a routine called
4 field of said entry.

1 29. The program product of claim 21 further comprising programming for
2 specifying a routine type, and wherein said step of displaying said one of said first
3 and second routines comprises programming for displaying said one of said first and
4 second routines in response to said routine type.

1 30. The program product of claim 21 further comprising programming for
2 displaying said routine list in said first and second window regions.